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AUTHOR Skanes, G. R.
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ABSTRACT

Since one aim of Newfoundland's resettlement program is to provide better schools and more highly qualified teachers, abilities of 152 children resettled at a reception center in Arnold's Cove were tested in 1971 to see if they differed from those of children native to the community. Tests used for students in grades 2-11 were the Standard Progressive Matrices, Otis Quick Scoring Test of Mental Ability, Primary Mental Abilities Test, and Canadian Test of Basic Skills. Information was obtained on father's occupation before and after migration, parents' education, number of brothers and sisters, and place in family. Apart from greater fluency for resettled children in grades 5-10, ability levels were similar for both groups. There were minor differences in personal factors: father's occupational status before moving, mother's education, and number of sisters. Data did not support the idea that school-related abilities of children resettled to Arnold's Cove were influenced by that move. Since many of the islands from which people moved to Arnold's Cove had better schools and more qualified teachers than the reception center, it was judged likely that resettlement had benefitted native children through a larger school and more highly qualified staff in the same way it had resettled children. (RS)

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Resettlement and ability - one community

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G. R. Skanes
Department of Psychology
Memorial University of Newfoundland

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One of the aims of the resettlement program in Newfoundland has been to provide children with better schools and more highly qualified teachers. The data reported here were collected in one reception centre to see if resettled children differed from children native to the community on a number of measures of ability.

The reception centre chosen was Arnold's Cove, which is about ninety miles from St. John's on the Trans-Canada Highway. It is built on a neck of land jutting into the northeast corner of Placentia Bay. The families who resettled in Arnold's Cove came from small fishing villages on the islands in the north of Placentia Bay.

Recent movement into Arnold's Cove began in 1966 and continued through 1972 with 136 families of 605 members involved. The data were obtained near the end of the school year in 1971.

Method

Subjects. The children in school from Grades 2 through 11 were assessed. All children who had moved to Arnold's Cove prior to beginning school or who were natives of Arnold's Cove or who came from non-isolated centres were classed as natives while the remainder who moved there during their school careers from more isolated places were in the resettled group. The numbers of each by grade are given in Table 1.

Insert Table 1 about here

Materials. The materials consisted of widely used tests of intelligence or achievement. They are:

(i) The Standard Progressive Matrices (Raven, 1938)

(ii) The Otis Quick Scoring Test of Mental Ability GAMMA Form B (Otis, 1954)

(iii) The Primary Mental Abilities Test (Years 7-11), Thurstone and Thurstone (1947).

(iv) The Primary Mental Abilities Test (Ages 11-17), Thurstone and Thurstone (1947).

and (v) The Canadian Test of Basic Skills, King (1967).

Table 1 reveals to whom each test was given. Not all subtests of each test were used as will be seen below.

In addition, an information sheet was prepared on each child, containing date of birth, date of move to Arnold's Cove, Father's occupation (both before and after migration). Father's education, Mother's education, number of brothers, number of sisters and place in family. The occupational data were scaled using the Blishen scale (1967). A value of 25 (lower than the lowest scaled occupation) was used for people on welfare or unemployed.

Results

The mean score on each of the variables broken down by grade, sex and group (native or resettled) is given in Appendix I.

DISCRIMINANT ANALYSES

An attempt was made to see if the two groups (native and

resettled) could be discriminated using all the variables common to certain grades. For example, Grades 2, 3, and 4 did the Progressive Matrices and the Verbal, Reasoning, Spatial and Perception subtests of the Primary Mental Abilities. Table 1 shows which grades had common tests.

(i) Grades 2,3,4,. The variables included in the analysis were Sex, Grade, Age, Father's occupation (before and after), Father's Education, Mother's Education, Number of Brothers, Number of Sisters, Place in Family, Progressive Matrices Score and the Verbal, Reasoning, Spatial and Perception scores of the Primary Mental Abilities (7-11). A significant discriminant function was obtained (Canonical r = 0.681, Wilk's λ = 0.5363, χ^2_{15} = 25,854, p = .04). One particular variable which significantly discriminated was Father's occupation before moving ($F_{1,49}$ = 5.077, p <.05). The occupational status of the resettled fathers was lower than the natives before moving but not after ($\bar{X}_R$ = 27.95, $\bar{X}_N$ = 31.55). Another significant discriminator was Mother's Education ($F_{1,49}$ = 9.144, p<.005). The mothers of resettled children were less well educated than native's mothers ($\bar{X}_R$ = 6.36, $\bar{X}_N$ = 8.07). The final discriminator was Number of Sisters ($F_{1,49}$ = 4.11, p< .05). The number of sisters in resettled families was greater than in the Arnold's Cove native sample ($\bar{X}_N$ = 1.59 $\bar{X}_R$ = 2.50). It should be noted that none of the ability measures discriminated the two groups. The discriminant function successfully categorized 84.3% of the 51 cases with complete data i.e. 83.8% of the 29 natives and

and 86.4% of the 22 resettled children.

(ii) Grades 5,6,7 and 8. The variables included here were those from the information sheet and the following ability measures: Otis score, Progressive Matrics score, the Verbal Reasoning, Numerical, Spatial and Fluency subtests of the Primary Mental Abilities (11-17) and the Vocabulary, Reading and two Mathematics subtests of the Canadian Test of Basic Skills. A significant discriminant function was found (Canonical $r = 0.663$, Wilk's $\lambda = 0.560$, $\chi^2_{21} = 33.926$, $p = .037$). The resettled children were in higher grades than the natives ($\bar{X}_R = 6.88$, $\bar{X}_N = 6.20$, $F_{1,69} = 4.88$, $p < .05$) and were older than the natives ($\bar{X}_R = 155.59$ months, $\bar{X}_N = 144.10$ months, $F_{1,69} = 5.78$, $p < .025$). The Father's of resettled children were occupationally lower before moving ($\bar{X}_R = 28.31$, $\bar{X}_N = 30.85$, $F_{1,69} = 5.66$, $p < .025$) but not after. One ability measure discriminated, i.e., Fluency. The resettled children were more fluent than the natives ($\bar{X}_R = 27.04$; $\bar{X}_N = 19.75$, $F_{1,69} = 7.92$, $p < .01$). The discriminant function successfully categorized 88.2% of the 71 subjects for whom data were complete. 75% of the 20 natives were classified correctly as well as 88.2% of the 51 resettled children.

(iii) Grades 9 and 10. The variables included were the information sheet data, Otis score, Progressive Matrices score and the five subtests of the Primary Mental abilities (11-17). No significant discriminant function was found. None of the variables discriminated.

(iv) Grade 11. The variables included were all the personal variables and the Otis and Matrices scores. The obtained discriminant function was not significant, because complete data were available for only one of the native subjects.

In summary, apart from fluency in the 5,6,7 and 8 group, none of the ability measures discriminated the native and resettled children. Minor differences in Fathers occupational status prior to moving, Mother's education and number of sisters were the major significant personal discriminators.

CANONICAL ANALYSES: A series of canonical analyses was run on the four grade groups on which the discriminant analyses were done. No discriminable patterns emerged using the personal data as one set of variables and the ability measures as another.

REGRESSION ANALYSES: In the discriminant analyses, the criterion or dependent variable, was the group to which the child belonged. In this series of analyses, each ability measure is the dependent variable. Each regression analysis is an analysis of covariance, with factors Grade, Sex, Age and Group being assessed. In addition the interactions of Group and Age and Group and Grade were evaluated. All the other personal variables except time in Arnold's Cove were covariates. The second method of Overall and Spiegel (1969) was used.

(i) Progressive Matrices score. Since this test was given to all grades, the sample size was 188. The full model, incorporating the main effects interactions and covariates accounted for 65.2% of the variance in Progressive Matrices score. Group, Sex and the two interactions were not significant. Grade accounted for the highest proportion of variability (R^2 = 1.26, $F_{1,74}$ = 62.89, $p < .001$) and Age a lesser amount (R^2 = .009, $F_{1,174}$ = 3.92, p = .05). Both variables were, of course, positively related to Progressive Matrices score.

(ii) Otis score. This test was given to Grades 5 through 11 (N = 133). The full model accounted for 43.3% of the variance. Grade was again a significant factor (R_2 = .261, $F_{1,119}$ = 54.87, $p < .001$) as was Age (R^2 = .085, $F_{1,119}$ = 17.89, $p < .001$). None of the other factors or the interactions were significant. Again, Age and Grade were positively related to Otis score.

(iii) Verbal ability subtest of the Primary Mental Abilities (11-17). This test was done by children in Grades 5 through 10 (N = 112). The full model accounted for 58.8% of the variance. Grade was significant (R^2 = .236, $F_{1,98}$ = 56.15, $p < .001$) and so was Age (R^2 = 0.19, $F_{1,98}$ = 4.46, $p < .05$). None of the other factors or interactions was significant.

(iv) Reasoning ability subtest of the Primary Mental Abilities (11-17). The same sample was used here as in the verbal subtest. The full model predicted 45.4% of the variance. Only Grade was a significant factor in the analysis (R_2 = .189, $F_{1,98}$ = 33.86, $p < .001$).

(v) Numerical ability subtest of the Primary Mental Abilities (11-17). The same sample as appeared in (iii) and (iv) was analyzed here. The full model predicted 34.3% of the variance. Grade was a significant factor (R^2 = .097, $F_{1,98}$ = 14.52, p<.001) and also Sex (R^2 = .030, $F_{1,98}$ = 4.44, p<.05) but none of the others.

(vi) Spatial ability of the Primary Mental Abilities (11-17). The sample here was the same as that in (iii), (iv) and (v). Only Grade accounted for a significant proportion of the variance (R^2= .07%, $F_{1,98}$ = 9.03, p< .005). The full model accounted for 21%.

(vii) Fluency ability of the Primary Mental Abilities (11-17). The same sample was used here as in the previous four sections. The full model predicted 52.3% of the variance. Grade again accounted for a significant amount (R^2 = 1.66, $F_{1,98}$ = 34.07, p<.001). Group did also, as reported earlier in the discriminant analysis (R^2 = .019, $F_{1,98}$ = 3.98, p = .05). The native children did not produce as many words in the allowed time as did the resettled children.

(viii) Verbal ability of the Primary Mental Abilities (7-11). Here the sample consisted of the children in Grades 2, 3 and 4 (N = 57). The full model predicted 33.1% of the variance and Grade was the only significant factor (R^2 = .194, $F_{1,43}$ = 12.46, p < .0025).

(ix) Reasoning ability of the Primary Mental Abilities (7-11). The same sample was run here as in (viii). The total

varability accounted for was 55.5%. Grade was significant (R^2 = .331, $F_{1,43}$ = 31.92, p <.001) as was Age (R^2 = .064, $F_{1,43}$ = 6.21, p< .025). The resettled children scored higher than the native children but not significantly so,

($\bar{X}_N$ = 23.4, $\bar{X}_R$ = 26.6, R^2 = .042, $F_{1,43}$ = 4.05, p = .051).

(x) Spatial ability of the Primary Mental Abilities (7-11). The sample was the same as that in (viii) and (ix). Of the 43.7% of the variance predicted by the full model Grade accounted for 27.0% ($F_{1,43}$ = 20.62 p <.001) and Age 6.6% ($F_{1,43}$ = 5.06, p <.05).

(xi) Perceptual ability of the Primary Mental Abilities (7-11). This test was also done on the sample of Grades 2,3, and 4 children used in (viii),(ix) and (x). The full model predicted 59.1% of the variance. Grade itself accounted for 26.3% ($F_{1,43}$ = 27.67, p < .001) and none of the other factors for significant proportions.

(xii) Numerical ability of the Primary Mental Abilities (7-11). This subtest was only administered to the Grade 4 children (N=24). No significant effect was found with this variable.

(xiii) Vocabulary test of the Canadian Test of Basic Skills. The sample consisted of the Grades 5,6,7, and 8 students (N = 80). 51.5% of the variance was predicted by the full model. Grade was the only significant effect (R^2 = .341, $F_{1,66}$ = 46.50, p<.001).

(xiv) Reading test of the Canadian Test of Basic Skills. This sample was as in (xiii). The full model's variability was 53.8%. Grade was the only significant factor ($\underline{R}^2 = .324$, $\underline{F}_{1,66} = 46.23$, $\underline{p} < .001$).

(xv) Mathematics concepts test of the Canadian Test of Basic Skills. The full model predicted 69.3% of the variance. Grade was the only significant effect ($\underline{R}^2 = 37.3$, $\underline{F}\ 1,66 = 80.15$, $\underline{p} < .001$).

(xvi) Mathematics problem solving test of the Canadian Test of Basic Skills. 62% of the variance was predicted by the full model. Grade was again the only significant effect ($\underline{R}^2 = .414$, $\underline{F}_{1,66} = 71.89$, $\underline{p} < .001$).

To summarize the results of these regression analyses, no systematic effect of resettlement has been found. Nor have the two groups, native and resettled children, differed in the relationships between the dependent measures and grade or age; as evidenced by finding no significant interactions of grade or age with group. Except for minor differences in Fluency in Grades 5-10 the children were similar in ability.

TIME IN ARNOLD'S COVE. Apart from differences between native and resettled children, one way in which resettlement might be affecting ability is through length of exposure to the new environment. It was expected therefore that children who had spent a longer period in the reception centre would have greater ability. To test that hypothesis, the relationships of Time Spent in Arnold's Cove to the other variables were analyzed.

No significant effect of time was found with any of the measures controlling for the personal variables discussed above.

Discussion

None of the data support the idea that the school related abilities of children resettled to Arnold's Cove have been influenced by that move. It might be argued that since no measures were obtained before these children moved, there is no basis for suggesting the move was ineffective. While it would have been preferable to have had prior levels of ability, the analysis of time spent in the reception centre should have revealed any systematic influence of the new environment.

The failure to find differences is probably due to a similarity between the resettled and native children to begin with. In most studies of isolated communities in Newfoundland and Labrador, the smaller and more isolated the community, the lower the ability levels of the children. However, as Iverson and Matthews (1968) pointed out, many of the islands, from which people moved to Arnold's Cove, had better schools and more qualified teachers than did the reception centre. It is likely, therefore that the native children of Arnold's Cove have benefited from the larger school and more highly qualified staff that resettlement brought to their community in the same way the resettled children did. Hence no apparent differences between the groups.

In any event, that possibility can be tested by looking at children whose abilities did differ considerably before a move took place.

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Table 1

Numbers of resettled and native children in each grade who received each test.

	N		TESTS				
GRADE	RESET	NATIVE	OTIS	PROG.MAT.	PMA 407	PMA 7-11	CTBS
11	17	5	x	x			
10	17	6	x	x		x	
9	21	3	x	x		x	
8	23	4	x	x		x	x
7	12	8	x	x		x	x
6	16	2	x	x		x	x
5	15	9	x	x		x	x
4	15	9		x	x		
3	8	11		x	x		
2	8	12		x	x		
	152	69					

APPENDIX I

Means and Standard Deviations of Each Other Variable Broken Down by Grade, Group and Sex.

CODES

VARIABLE	CODE	MEANING
GRAD	2-11	Grade 2-11
COMM	-1,1	Natives, Resettled
SEX	1,2	Male, Female
AGE		Age in months
TIME		Time in Arnold's Cove in Months
OCB4		Occupation of Father Before Moving on Blishen Scale.
OCNO		Occupation of Father now on Blishen Scale
FAED		Father's Education in Years
MOED		Mother's Education in Years
BROT		Number of Brothers
SBT		Number of Sisters
PLAC		Place in Family
OTIS		OTIS Score
PMAT		Progressive Matrices Score
VERB		PMA Verbal Subtest Score
REAS		" Reasoning Subtest Score
NUML		" Numerical " "
SPAT		" Spatial " "
FLUY		" Fluency " "
TESV		CTRS Vocabulary Grade Equiv.
TESR		" Reading " "
TESM		" Mathematics " "

LAST	CTBS Mathematics 2 Grade Equiv.
PERC	PMA Perception Subtest Score

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE AGE
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			33762,0000	152,7692	38,3360	1469,6453	(221)
GRAD	2,		1836,000	91,800	9,485	89,961	(20)
COMM	-1,		1079,000	89,917	7,822	61,176	(12)
SEX	1,		354,000	88,500	8,660	75,000	(4)
SEX	2,		725,000	90,625	7,891	62,268	(8)
COMM	1,		757,000	94,625	11,526	132,839	(8)
SEX	1,		220,000	110,000	9,899	98,000	(2)
SEX	2,		537,000	89,500	6,348	40,300	(6)
GRAD	3,		1985,000	104,474	12,411	154,042	(19)
COMM	-1,		1130,000	102,727	9,624	92,625	(11)
SEX	1,		746,000	106,571	9,555	91,292	(7)
SEX	2,		384,000	96,000	5,598	31,333	(4)
COMM	1,		855,000	106,875	15,887	252,411	(8)
SEX	1,		310,000	103,333	10,116	102,336	(3)
SEX	2,		545,000	109,000	19,378	375,500	(5)
GRAD	4,		3005,000	125,208	16,122	259,913	(24)
COMM	-1,		1133,000	125,889	16,722	279,617	(9)
SEX	1,		507,000	126,750	12,393	153,583	(4)
SEX	2,		626,000	125,200	21,041	442,703	(5)
COMM	1,		1872,000	124,800	16,332	266,745	(15)
SEX	1,		1018,000	127,250	15,989	255,643	(8)
SEX	2,		854,000	122,000	17,521	307,000	(7)
GRAD	5,		3321,000	138,375	16,916	357,810	(24)
COMM	-1,		1193,000	132,556	11,855	140,531	(9)
SEX	1,		409,000	136,333	5,132	26,336	(3)
SEX	2,		784,000	130,667	14,194	201,475	(6)
COMM	1,		2128,000	141,867	21,742	472,701	(15)
SEX	1,		833,000	138,833	22,605	510,975	(6)
SEX	2,		1295,000	143,889	22,279	496,367	(9)
GRAD	6,		2736,000	152,111	18,324	335,754	(18)
COMM	-1,		337,000	168,500	27,577	760,500	(2)
SEX	1,		149,000	149,000	0,0	0,0	(1)

CRITERION VARIABLE AGE

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV.	VARIANCE	N
SEX	2.		188.000	188.000	0.0	0.0	(1)
COMM	1.		2401.000	150.062	17.016	289.529	(16)
SEX	1.		1337.000	148.556	16.779	281.531	(9)
SEX	2.		1064.000	152.000	18.457	340.667	(7)
GRAD	7.		2941.000	147.050	11.976	143.421	(20)
COMM	-1.		1166.000	145.750	8.242	67.929	(8)
SEX	1.		440.000	146.667	0.580	0.336	(3)
SEX	2.		726.000	145.200	10.849	117.703	(5)
COMM	1.		1775.000	147.917	14.228	202.449	(12)
SEX	1.		736.000	147.200	10.593	112.203	(5)
SEX	2.		1039.000	148.429	17.194	295.625	(7)
GRAD	8.		4490.000	166.296	13.333	177.757	(27)
COMM	-1.		631.000	157.750	5.123	26.250	(4)
SEX	1.		321.000	160.500	6.364	40.500	(2)
SEX	2.		310.000	155.000	2.828	8.000	(2)
COMM	1.		3859.000	167.783	13.817	190.906	(23)
SEX	1.		1731.000	173.100	13.486	181.882	(10)
SEX	2.		2128.000	163.692	13.111	171.901	(13)
GRAD	9.		4331.000	180.458	12.205	148.957	(24)
COMM	-1.		529.000	176.333	13.317	177.344	(3)
SEX	2.		529.000	176.333	13.317	177.344	(3)
COMM	1.		3802.000	181.048	12.274	150.650	(21)
SEX	1.		1480.000	185.000	11.058	122.286	(8)
SEX	2.		2322.000	178.615	12.764	162.927	(13)
GRAD	10.		4477.000	194.652	11.590	134.332	(23)
COMM	-1.		1137.000	189.500	4.037	16.300	(6)
SEX	1.		381.000	190.500	6.364	40.500	(2)
SEX	2.		756.000	189.000	3.559	12.667	(4)
COMM	1.		3340.000	196.471	12.830	166.145	(17)
SEX	1.		2201.000	200.091	11.291	127.494	(11)
SEX	2.		1139.000	189.833	13.963	194.975	(6)
GRAD	11.		4630.000	210.818	15.196	230.920	(22)
COMM	-1.		1022.000	204.400	9.236	85.313	(5)
SEX	1.		629.000	209.667	6.145	66.344	(3)
SEX	2.		393.000	196.500	0.707	0.500	(2)
COMM	1.		3616.000	212.706	16.282	265.102	(17)
SEX	1.		1699.000	212.375	18.554	344.268	(8)

CRITERION VARIABLE AGE

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		1917.000	213.000	15.124	228.750	(9)

TOTAL CASES = 221

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE TIME
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			13109.0000	59.3167	53.7216	2886.0083	(221)
GRAD	2.		1012.000	50.600	32.158	1034.148	(20)
COMM	-1.		841.000	70.083	26.647	710.084	(12)
SEX	1.		203.000	50.750	24.254	588.250	(4)
SEX	2.		638.000	79.750	23.310	543.357	(8)
COMM	1.		171.000	21.375	8.017	64.268	(8)
SEX	1.		56.000	28.000	0.0	0.0	(2)
SEX	2.		115.000	19.167	8.159	66.567	(6)
GRAD	3.		1173.000	61.737	35.232	1241.319	(19)
COMM	-1.		961.000	87.364	20.176	407.056	(11)
SEX	1.		604.000	86.286	22.867	522.906	(7)
SEX	2.		357.000	89.250	17.424	303.583	(4)
COMM	1.		212.000	26.500	12.627	159.429	(8)
SEX	1.		70.000	23.333	11.015	121.334	(3)
SEX	2.		142.000	28.400	14.363	206.300	(5)
GRAD	4.		1407.000	58.625	51.308	2640.766	(24)
COMM	-1.		1094.000	121.556	18.297	334.781	(9)
SEX	1.		468.000	117.000	15.895	252.667	(4)
SEX	2.		626.000	125.200	21.041	442.703	(5)
COMM	1.		313.000	20.867	8.585	73.696	(15)
SEX	1.		142.000	17.750	4.713	22.214	(8)
SEX	2.		171.000	24.429	10.876	118.286	(7)
GRAD	5.		1692.000	70.500	48.628	2364.696	(24)
COMM	-1.		1140.000	126.667	18.708	350.008	(9)
SEX	1.		409.000	136.333	5.132	26.336	(3)
SEX	2.		731.000	121.833	21.573	465.375	(6)
COMM	1.		552.000	36.800	20.977	440.029	(15)
SEX	1.		325.000	54.167	14.703	216.168	(6)
SEX	2.		227.000	25.222	16.061	257.945	(9)
GRAD	6.		795.000	44.167	45.625	2081.442	(18)
COMM	-1.		329.000	164.500	28.991	840.500	(2)
SEX	1.		144.000	144.000	0.0	0.0	(1)

CRITERION VARIABLE TIME

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		185.000	185.000	0.0	0.0	(1)
COMM	1.		466.000	29.125	11.442	130.917	(16)
SEX	1.		238.000	26.444	8.946	80.028	(9)
SEX	2.		228.000	32.571	13.998	195.952	(7)
GRAD	7.		1225.000	61.250	59.258	3511.460	(20)
COMM	-1.		908.000	113.500	62.196	3868.286	(8)
SEX	1.		308.000	102.667	75.923	5764.336	(3)
SEX	2.		600.000	120.000	61.209	3746.500	(5)
COMM	1.		317.000	26.417	17.159	294.447	(12)
SEX	1.		148.000	29.600	11.415	130.301	(5)
SEX	2.		169.000	24.143	20.940	438.476	(7)
GRAD	8.		1365.000	50.556	48.318	2334.642	(27)
COMM	-1.		626.000	156.500	2.887	8.333	(4)
SEX	1.		316.000	158.000	2.828	8.000	(2)
SEX	2.		310.000	155.000	2.828	8.000	(2)
COMM	1.		739.000	32.130	19.034	362.301	(23)
SEX	1.		348.000	34.800	20.362	414.623	(10)
SEX	2.		391.000	30.077	18.513	342.744	(13)
GRAD	9.		1122.000	46.750	51.947	2698.456	(24)
COMM	-1.		383.000	127.667	97.577	9521.336	(3)
SEX	2.		383.000	127.667	97.577	9521.336	(3)
COMM	1.		739.000	35.190	32.073	1028.662	(21)
SEX	1.		162.000	20.250	15.406	237.357	(8)
SEX	2.		577.000	44.385	36.546	1335.590	(13)
GRAD	10.		1702.000	74.000	71.330	5087.906	(23)
COMM	-1.		1137.000	189.500	4.037	16.300	(6)
SEX	1.		381.000	190.500	6.364	40.500	(2)
SEX	2.		756.000	189.000	3.559	12.667	(4)
COMM	1.		565.000	33.235	14.919	222.566	(17)
SEX	1.		350.000	31.818	15.374	236.364	(11)
SEX	2.		215.000	35.833	15.065	226.967	(6)
GRAD	11.		1616.000	73.455	74.621	5568.262	(22)
COMM	-1.		1022.000	204.400	9.236	85.313	(5)
SEX	1.		629.000	209.667	8.145	66.344	(3)
SEX	2.		393.000	196.500	0.707	0.500	(2)
COMM	1.		594.000	34.941	18.780	352.665	(17)
SEX	1.		336.000	42.000	17.205	296.000	(8)

CRITERION VARIABLE TIME

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		258.000	28.667	18.766	352.250	(9)

TOTAL CASES = 221

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE OCB4
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			6323,0000	29,8255	5,7411	32,9600	(212)
GRAD	2,		595,000	29,750	7,203	51,882	(20)
COMM	-1,		381,000	31,750	8,696	75,659	(12)
SEX	1,		110,000	27,500	1,000	1,000	(4)
SEX	2,		271,000	33,875	10,148	102,982	(8)
COMM	1,		214,000	26,750	2,188	4,786	(8)
SEX	1,		52,000	26,000	1,414	2,000	(2)
SEX	2,		162,000	27,000	2,449	6,000	(6)
GRAD	3,		545,000	30,278	4,897	23,977	(18)
COMM	-1,		325,000	32,500	5,543	30,722	(10)
SEX	1,		187,000	31,167	3,920	15,367	(6)
SEX	2,		138,000	34,500	7,594	57,667	(4)
COMM	1,		220,000	27,500	1,690	2,857	(8)
SEX	1,		82,000	27,333	2,517	6,334	(3)
SEX	2,		138,000	27,600	1,342	1,800	(5)
GRAD	4,		725,000	30,208	5,890	34,694	(24)
COMM	-1,		288,000	32,000	6,384	40,750	(9)
SEX	1,		130,000	32,500	7,767	60,333	(4)
SEX	2,		158,000	31,600	5,983	35,801	(5)
COMM	1,		437,000	29,133	5,514	30,410	(15)
SEX	1,		221,000	27,625	1,685	2,839	(8)
SEX	2,		216,000	30,857	7,819	61,144	(7)
GRAD	5,		759,000	31,625	8,360	69,897	(24)
COMM	-1,		280,000	31,111	6,274	39,362	(9)
SEX	1,		96,000	32,000	8,660	75,000	(3)
SEX	2,		184,000	30,667	5,680	32,267	(6)
COMM	1,		479,000	31,933	9,595	92,067	(15)
SEX	1,		182,000	30,333	5,164	26,667	(6)
SEX	2,		297,000	33,000	11,865	141,250	(9)
GRAD	6,		481,000	28,294	3,721	13,846	(17)
COMM	-1,		69,000	34,500	10,607	112,500	(2)
SEX	1,		27,000	27,000	0,0	0,0	(1)

CRITERION VARIABLE OCB4

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		42.000	42.000	0.0	0.0	(1)
COMM	1.		412.000	27.467	1.246	1.553	(15)
SEX	1.		223.000	27.875	1.246	1.554	(8)
SEX	2.		189.000	27.000	1.155	1.333	(7)
GRAD	7.		517.000	28.722	3.511	12.330	(18)
COMM	-1.		212.000	30.286	5.251	27.572	(7)
SEX	1.		56.000	28.000	1.414	2.000	(2)
SEX	2.		156.000	31.200	6.099	37.200	(5)
COMM	1.		305.000	27.727	1.272	1.619	(11)
SEX	1.		135.000	27.000	0.0	0.0	(5)
SEX	2.		170.000	28.333	1.506	2.267	(6)
GRAD	8.		796.000	29.481	4.815	23.183	(27)
COMM	-1.		127.000	31.750	5.737	32.917	(4)
SEX	1.		60.000	30.000	1.414	2.000	(2)
SEX	2.		67.000	33.500	9.192	84.500	(2)
COMM	1.		669.000	29.087	4.670	21.811	(23)
SEX	1.		284.000	28.400	1.838	3.378	(10)
SEX	2.		385.000	29.615	6.063	36.757	(13)
GRAD	9.		566.000	28.300	3.131	9.800	(20)
COMM	-1.		89.000	29.667	0.578	0.334	(3)
SEX	2.		89.000	29.667	0.578	0.334	(3)
COMM	1.		477.000	28.059	3.344	11.184	(17)
SEX	1.		191.000	27.286	1.380	1.906	(7)
SEX	2.		286.000	28.600	4.222	17.823	(10)
GRAD	10.		714.000	31.043	5.756	33.135	(23)
COMM	-1.		188.000	31.333	6.377	40.667	(6)
SEX	1.		57.000	28.500	2.121	4.500	(2)
SEX	2.		131.000	32.750	7.632	58.250	(4)
COMM	1.		526.000	30.941	5.728	32.809	(17)
SEX	1.		342.000	31.091	5.540	30.691	(11)
SEX	2.		184.000	30.667	6.593	43.467	(6)
GRAD	11.		625.000	29.762	6.905	48.791	(21)
COMM	-1.		175.000	35.000	11.937	142.500	(5)
SEX	1.		89.000	29.667	3.055	9.334	(3)
SEX	2.		86.000	43.000	16.385	338.000	(2)
COMM	1.		450.000	28.125	3.679	15.050	(16)
SEX	1.		235.000	29.375	5.181	26.839	(8)

CRITERION VARIABLE OCB4

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		215.000	26.875	1.356	1.839	(8)

TOTAL CASES = 224
MISSING CASES = 9 OR 4.1 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE OCNO
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			6324.0000	30.1143	6.9659	48.5233	(210)
GRAD	2.		608.000	30.400	7.337	53.832	(20)
COMM	-1.		389.000	32.417	8.502	70.246	(12)
SEX	1.		116.000	29.000	1.414	2.000	(4)
SEX	2.		273.000	34.125	9.978	99.554	(8)
COMM	1.		219.000	27.375	4.274	18.268	(8)
SEX	1.		50.000	25.000	0.0	0.0	(2)
SEX	2.		169.000	28.167	4.750	22.567	(6)
GRAD	3.		530.000	29.444	4.961	24.615	(18)
COMM	-1.		318.000	31.800	5.350	28.623	(10)
SEX	1.		180.000	30.000	2.883	7.200	(6)
SEX	2.		138.000	34.500	7.594	57.667	(4)
COMM	1.		212.000	26.500	2.288	5.143	(8)
SEX	1.		80.000	26.667	2.887	8.334	(3)
SEX	2.		132.000	26.400	2.191	4.800	(5)
GRAD	4.		717.000	29.875	7.589	57.592	(24)
COMM	-1.		290.000	32.222	6.797	46.195	(9)
SEX	1.		144.000	36.000	9.274	86.000	(4)
SEX	2.		146.000	29.200	1.483	2.200	(5)
COMM	1.		427.000	28.467	7.909	62.553	(15)
SEX	1.		210.000	26.250	2.315	5.357	(8)
SEX	2.		217.000	31.000	11.210	125.667	(7)
GRAD	5.		797.000	33.208	9.306	86.607	(24)
COMM	-1.		309.000	34.333	8.277	68.500	(9)
SEX	1.		96.000	32.000	8.660	75.000	(3)
SEX	2.		213.000	35.500	8.643	74.700	(6)
COMM	1.		488.000	32.533	10.082	101.838	(15)
SEX	1.		191.000	31.833	7.414	54.967	(6)
SEX	2.		297.000	33.000	11.969	143.250	(9)
GRAD	6.		482.000	28.353	4.541	20.618	(17)
COMM	-1.		57.000	28.500	2.121	4.500	(2)
SEX	1.		27.000	27.000	0.0	0.0	(1)

CRITERION VARIABLE OCNO

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		30.000	30.000	0.0	0.0	(1)
COMM	1.		425.000	28.333	4.821	23.238	(15)
SEX	1.		244.000	30.500	5.732	32.857	(8)
SEX	2.		181.000	25.857	1.574	2.477	(7)
GRAD	7.		485.000	28.529	3.760	14.140	(17)
COMM	-1.		210.000	30.000	5.385	29.000	(7)
SEX	1.		56.000	28.000	1.414	2.000	(2)
SEX	2.		154.000	30.800	6.340	40.201	(5)
COMM	1.		275.000	27.500	1.716	2.944	(10)
SEX	1.		137.000	27.400	1.673	2.800	(5)
SEX	2.		138.000	27.600	1.949	3.800	(5)
GRAD	8.		839.000	31.074	9.232	85.225	(27)
COMM	-1.		127.000	31.750	5.737	32.917	(4)
SEX	1.		60.000	30.000	1.414	2.000	(2)
SEX	2.		67.000	33.500	9.192	84.500	(2)
COMM	1.		712.000	30.957	9.805	96.135	(23)
SEX	1.		275.000	27.500	2.635	6.944	(10)
SEX	2.		437.000	33.615	12.386	153.424	(13)
GRAD	9.		567.000	28.350	3.937	15.503	(20)
COMM	-1.		86.000	28.667	1.528	2.334	(3)
SEX	2.		86.000	28.667	1.528	2.334	(3)
COMM	1.		481.000	28.294	4.254	18.096	(17)
SEX	1.		187.000	26.714	2.138	4.572	(7)
SEX	2.		294.000	29.400	5.082	25.822	(10)
GRAD	10.		690.000	31.364	6.044	36.528	(22)
COMM	-1.		188.000	31.333	6.377	40.667	(6)
SEX	1.		57.000	28.500	2.121	4.500	(2)
SEX	2.		131.000	32.750	7.632	58.250	(4)
COMM	1.		502.000	31.375	6.131	37.583	(16)
SEX	1.		304.000	30.400	4.274	18.267	(10)
SEX	2.		198.000	33.000	8.649	74.800	(6)
GRAD	11.		609.000	29.000	7.301	53.300	(21)
COMM	-1.		174.000	34.800	12.050	145.201	(5)
SEX	1.		91.000	30.333	2.309	5.334	(3)
SEX	2.		83.000	41.500	20.506	420.500	(2)
COMM	1.		435.000	27.188	4.199	17.629	(16)
SEX	1.		229.000	28.625	5.553	30.839	(8)

ARNCO BREAKDOWN

CRITERION VARIABLE OCNO

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		206.000	25.750	1.468	2.214	(8)

TOTAL CASES = 221
MISSING CASES = 11 OR 5.0 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE FAED
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			1129.0000	5.3762	2.9938	8.9631	(210)
GRAD	2.		117.000	6.158	3.304	10.918	(19)
COMM	-1.		78.000	6.500	3.477	12.091	(12)
SEX	1.		22.000	5.500	1.732	3.000	(4)
SEX	2.		56.000	7.000	4.106	16.857	(8)
COMM	1.		39.000	5.571	3.155	9.952	(7)
SEX	1.		6.000	3.000	1.414	2.000	(2)
SEX	2.		33.000	6.600	3.130	9.800	(5)
GRAD	3.		108.000	5.684	3.560	12.673	(19)
COMM	-1.		76.000	6.909	3.859	14.891	(11)
SEX	1.		40.000	5.714	3.904	15.238	(7)
SEX	2.		36.000	9.000	3.162	10.000	(4)
COMM	1.		32.000	4.000	2.390	5.714	(8)
SEX	1.		13.000	4.333	4.163	17.333	(3)
SEX	2.		19.000	3.800	1.095	1.200	(5)
GRAD	4.		128.000	5.333	2.297	5.275	(24)
COMM	-1.		52.000	5.778	1.922	3.694	(9)
SEX	1.		23.000	5.750	2.217	4.917	(4)
SEX	2.		29.000	5.800	1.924	3.700	(5)
COMM	1.		76.000	5.067	2.520	6.352	(15)
SEX	1.		49.000	6.125	2.475	6.125	(8)
SEX	2.		27.000	3.857	2.116	4.476	(7)
GRAD	5.		145.000	6.304	3.211	10.312	(23)
COMM	-1.		48.000	5.333	3.354	11.250	(9)
SEX	1.		11.000	3.667	3.786	14.333	(3)
SEX	2.		37.000	6.167	3.125	9.767	(6)
COMM	1.		97.000	6.929	3.075	9.456	(14)
SEX	1.		39.000	6.500	3.674	13.500	(6)
SEX	2.		58.000	7.250	2.765	7.643	(8)
GRAD	6.		76.000	4.471	2.787	7.765	(17)
COMM	-1.		12.000	6.000	2.828	8.000	(2)
SEX	1.		4.000	4.000	0.0	0.0	(1)

CRITERION VARIABLE FAED

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		8.000	8.000	0.0	0.0	(1)
COMM	1.		64.000	4.267	2.815	7.924	(15)
SEX	1.		47.000	5.875	2.532	6.411	(8)
SEX	2.		17.000	2.429	1.902	3.619	(7)
GRAD	7.		108.000	5.684	2.518	6.339	(19)
COMM	-1.		40.000	5.000	1.690	2.857	(8)
SEX	1.		12.000	4.000	1.000	1.000	(3)
SEX	2.		28.000	5.600	1.817	3.300	(5)
COMM	1.		68.000	6.182	2.960	8.764	(11)
SEX	1.		25.000	5.000	3.162	10.000	(5)
SEX	2.		43.000	7.167	2.639	6.967	(6)
GRAD	8.		135.000	5.000	2.896	8.385	(27)
COMM	-1.		20.000	5.000	0.816	0.667	(4)
SEX	1.		11.000	5.500	0.707	0.500	(2)
SEX	2.		9.000	4.500	0.707	0.500	(2)
COMM	1.		115.000	5.000	3.133	9.818	(23)
SEX	1.		47.000	4.700	2.830	8.011	(10)
SEX	2.		68.000	5.231	3.444	11.859	(13)
GRAD	9.		110.000	5.000	2.878	8.286	(22)
COMM	-1.		9.000	3.000	1.732	3.000	(3)
SEX	2.		9.000	3.000	1.732	3.000	(3)
COMM	1.		101.000	5.316	2.926	8.581	(19)
SEX	1.		48.000	6.000	3.742	14.000	(8)
SEX	2.		53.000	4.818	2.228	4.964	(11)
GRAD	10.		152.000	6.609	2.518	6.340	(23)
COMM	-1.		38.000	6.333	3.141	9.867	(6)
SEX	1.		11.000	5.500	3.536	12.500	(2)
SEX	2.		27.000	6.750	3.403	11.583	(4)
COMM	1.		114.000	6.706	2.366	5.596	(17)
SEX	1.		70.000	6.364	2.501	6.255	(11)
SEX	2.		44.000	7.333	2.160	4.667	(6)
GRAD	11.		50.000	2.941	2.947	8.684	(17)
COMM	-1.		13.000	6.500	6.364	40.500	(2)
SEX	1.		2.000	2.000	0.0	0.0	(1)
SEX	2.		11.000	11.000	0.0	0.0	(1)
COMM	1.		37.000	2.467	2.232	4.981	(15)
SEX	1.		16.000	2.000	2.204	4.857	(8)

CRITERION VARIABLE FAED

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		21.000	3.000	2.309	5.333	(7)

TOTAL CASES = 221
MISSING CASES = 11 OR 5.0 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE MOED
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			1418.0000	6.5346	2.4739	6.1203	(217)
GRAD	2.		148.000	7.400	2.234	4.989	(20)
COMM	-1.		97.000	8.083	2.104	4.447	(12)
SEX	1.		29.000	7.250	1.893	3.583	(4)
SEX	2.		68.000	8.500	2.204	4.857	(8)
COMM	1.		51.000	6.375	2.134	4.554	(8)
SEX	1.		11.000	5.500	0.767	0.500	(2)
SEX	2.		40.000	6.667	2.422	5.867	(6)
GRAD	3.		154.000	8.105	2.025	4.099	(19)
COMM	-1.		95.000	8.636	1.748	3.055	(11)
SEX	1.		57.000	8.143	1.676	2.810	(7)
SEX	2.		38.000	9.500	1.732	3.000	(4)
COMM	1.		59.000	7.375	2.264	5.125	(8)
SEX	1.		25.000	8.333	2.082	4.333	(3)
SEX	2.		34.000	6.800	2.387	5.700	(5)
GRAD	4.		145.000	6.042	1.899	3.607	(24)
COMM	-1.		59.000	6.556	1.944	3.778	(9)
SEX	1.		24.000	6.000	2.160	4.667	(4)
SEX	2.		35.000	7.000	1.871	3.500	(5)
COMM	1.		86.000	5.733	1.870	3.495	(15)
SEX	1.		46.000	5.750	1.753	3.071	(8)
SEX	2.		40.000	5.714	2.138	4.571	(7)
GRAD	5.		169.000	7.042	2.820	7.955	(24)
COMM	-1.		63.000	7.000	2.872	8.250	(9)
SEX	1.		20.000	6.667	3.512	12.333	(3)
SEX	2.		43.000	7.167	2.858	8.167	(6)
COMM	1.		106.000	7.067	2.690	8.352	(15)
SEX	1.		45.000	7.500	3.450	11.900	(6)
SEX	2.		61.000	6.778	2.635	6.944	(9)
GRAD	6.		105.000	5.833	2.256	5.088	(18)
COMM	-1.		18.000	9.000	2.828	8.000	(2)
SEX	1.		11.000	11.000	0.0	0.0	(1)

CRITERION VARIABLE MOED

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		7.000	7.000	0.0	0.0	(1)
COMM	1.		87.000	5.438	1.931	3.729	(16)
SEX	1.		56.000	6.222	1.202	1.444	(9)
SEX	2.		31.000	4.429	2.299	5.286	(7)
GRAD	7.		143.000	7.150	2.346	5.503	(20)
COMM	-1.		58.000	7.250	2.816	7.929	(8)
SEX	1.		20.000	6.667	2.082	4.333	(3)
SEX	2.		38.000	7.600	3.362	11.300	(5)
COMM	1.		85.000	7.083	2.109	4.447	(12)
SEX	1.		34.000	6.800	1.304	1.700	(5)
SEX	2.		51.000	7.286	2.628	6.905	(7)
GRAD	8.		156.000	5.852	2.713	7.362	(27)
COMM	-1.		24.000	6.000	2.828	8.000	(4)
SEX	1.		16.000	8.000	2.828	8.000	(2)
SEX	2.		8.000	4.000	0.0	0.0	(2)
COMM	1.		134.000	5.826	2.758	7.605	(23)
SEX	1.		50.000	5.000	3.528	12.444	(10)
SEX	2.		84.000	6.462	1.898	3.603	(13)
GRAD	9.		152.000	6.333	2.444	5.971	(24)
COMM	-1.		18.000	6.000	3.000	9.000	(3)
SEX	2.		18.000	6.000	3.000	9.000	(3)
COMM	1.		134.000	6.381	2.439	5.948	(21)
SEX	1.		50.000	6.250	2.252	5.071	(8)
SEX	2.		84.000	6.462	2.634	6.936	(13)
GRAD	10.		142.000	6.455	2.464	6.069	(22)
COMM	-1.		46.000	8.000	2.000	4.000	(6)
SEX	1.		15.000	7.500	2.121	4.500	(2)
SEX	2.		33.000	8.250	2.217	4.917	(4)
COMM	1.		94.000	5.875	2.419	5.850	(16)
SEX	1.		59.000	5.900	2.424	5.878	(10)
SEX	2.		35.000	5.833	2.639	6.967	(6)
GRAD	11.		102.000	5.368	2.477	6.135	(19)
COMM	-1.		27.000	9.000	2.000	4.000	(3)
SEX	1.		16.000	8.000	1.414	2.000	(2)
SEX	2.		11.000	11.000	0.0	0.0	(1)
COMM	1.		75.000	4.688	1.922	3.696	(16)
SEX	1.		38.000	4.750	1.753	3.071	(8)

CRITERION VARIABLE MOED

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		37.000	4.625	2.200	4.839	(8)

TOTAL CASES = 221
MISSING CASES = 4 OR 1.8 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE BROT
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			478.0000	2.1629	1.5317	2.3461	(221)
GRAD	2.		39.000	1.950	1.050	1.103	(20)
COMM	-1.		25.000	2.083	0.996	0.992	(12)
SEX	1.		11.000	2.750	0.957	0.917	(4)
SEX	2.		14.000	1.750	0.886	0.786	(8)
COMM	1.		14.000	1.750	1.165	1.357	(8)
SEX	1.		2.000	1.000	0.0	0.0	(2)
SEX	2.		12.000	2.000	1.265	1.600	(6)
GRAD	3.		37.000	1.947	1.747	3.053	(19)
COMM	-1.		15.000	1.364	1.206	1.655	(11)
SEX	1.		10.000	1.429	1.618	2.619	(7)
SEX	2.		5.000	1.250	0.500	0.250	(4)
COMM	1.		22.000	2.750	2.053	4.214	(8)
SEX	1.		10.000	3.333	3.215	10.333	(3)
SEX	2.		12.000	2.400	1.342	1.800	(5)
GRAD	4.		60.000	2.500	2.246	5.043	(24)
COMM	-1.		22.000	2.444	2.068	4.278	(9)
SEX	1.		5.000	1.250	0.957	0.917	(4)
SEX	2.		17.000	3.400	2.302	5.300	(5)
COMM	1.		38.000	2.533	2.416	5.838	(15)
SEX	1.		23.000	2.875	3.137	9.839	(8)
SEX	2.		15.000	2.143	1.345	1.810	(7)
GRAD	5.		54.000	2.250	1.824	3.326	(24)
COMM	-1.		19.000	2.111	1.364	1.861	(9)
SEX	1.		5.000	1.667	0.577	0.333	(3)
SEX	2.		14.000	2.333	1.633	2.667	(6)
COMM	1.		35.000	2.333	2.093	4.381	(15)
SEX	1.		9.000	1.500	1.378	1.900	(6)
SEX	2.		26.000	2.889	2.369	5.611	(9)
GRAD	6.		39.000	2.167	1.200	1.441	(18)
COMM	-1.		3.000	1.500	2.121	4.500	(2)
SEX	1.		0.0	0.0	0.0	0.0	(1)

CRITERION VARIABLE BROT

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		3.000	3.000	0.0	0.0	(1)
COMM	1.		36.000	2.250	1.125	1.267	(16)
SEX	1.		22.000	2.444	1.333	1.778	(9)
SEX	2.		14.000	2.000	0.816	0.667	(7)
GRAD	7.		39.000	1.950	1.317	1.734	(20)
COMM	-1.		15.000	1.875	1.553	2.411	(8)
SEX	1.		9.000	3.000	1.732	3.000	(3)
SEX	2.		6.000	1.200	1.095	1.200	(5)
COMM	1.		24.000	2.000	1.206	1.455	(12)
SEX	1.		11.000	2.200	0.447	0.200	(5)
SEX	2.		13.000	1.857	1.574	2.476	(7)
GRAD	8.		58.000	2.148	1.167	1.362	(27)
COMM	-1.		5.000	1.250	1.258	1.583	(4)
SEX	1.		3.000	1.500	2.121	4.500	(2)
SEX	2.		2.000	1.000	0.0	0.0	(2)
COMM	1.		53.000	2.304	1.105	1.221	(23)
SEX	1.		22.000	2.200	0.789	0.622	(10)
SEX	2.		31.000	2.385	1.325	1.756	(13)
GRAD	9.		58.000	2.417	1.139	1.297	(24)
COMM	-1.		8.000	2.667	0.577	0.333	(3)
SEX	2.		8.000	2.667	0.577	0.333	(3)
COMM	1.		50.000	2.381	1.203	1.448	(21)
SEX	1.		16.000	2.000	0.926	0.857	(8)
SEX	2.		34.000	2.615	1.325	1.756	(13)
GRAD	10.		44.000	1.913	1.411	1.992	(23)
COMM	-1.		5.000	0.833	1.329	1.767	(6)
SEX	1.		0.0	0.0	0.0	0.0	(2)
SEX	2.		5.000	1.250	1.500	2.250	(4)
COMM	1.		39.000	2.294	1.203	1.596	(17)
SEX	1.		24.000	2.182	1.168	1.364	(11)
SEX	2.		15.000	2.500	1.517	2.300	(6)
GRAD	11.		50.000	2.273	1.856	3.446	(22)
COMM	-1.		7.000	1.400	1.140	1.300	(5)
SEX	1.		4.000	1.333	0.577	0.333	(3)
SEX	2.		3.000	1.500	2.121	4.500	(2)
COMM	1.		43.000	2.529	1.972	3.890	(17)
SEX	1.		21.000	2.625	2.264	5.125	(8)

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CRITERION VARIABLE BROT

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		22.000	2.444	1.810	3.278	(9)

TOTAL CASES = 221

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE SIST
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			478.0000	2.1629	1.6295	2.6552	(221)
GRAD	2.		39.000	1.950	1.791	3.208	(20)
COMM	-1.		16.000	1.333	1.073	1.152	(12)
SEX	1.		3.000	0.750	0.957	0.917	(4)
SEX	2.		13.000	1.625	1.061	1.125	(8)
COMM	1.		23.000	2.875	2.295	5.268	(8)
SEX	1.		10.000	5.000	1.414	2.000	(2)
SEX	2.		13.000	2.167	2.137	4.567	(6)
GRAD	3.		30.000	1.579	1.170	1.368	(19)
COMM	-1.		17.000	1.545	1.293	1.673	(11)
SEX	1.		13.000	1.857	1.464	2.143	(7)
SEX	2.		4.000	1.000	0.816	0.667	(4)
COMM	1.		13.000	1.625	1.061	1.125	(8)
SEX	1.		4.000	1.333	1.528	2.333	(3)
SEX	2.		9.000	1.800	0.837	0.700	(5)
GRAD	4.		68.000	2.833	1.660	3.536	(24)
COMM	-1.		20.000	2.222	1.922	3.694	(9)
SEX	1.		12.000	3.000	2.582	6.667	(4)
SEX	2.		8.000	1.600	1.140	1.300	(5)
COMM	1.		48.000	3.200	1.821	3.314	(15)
SEX	1.		30.000	3.750	1.488	2.214	(8)
SEX	2.		18.000	2.571	2.070	4.286	(7)
GRAD	5.		49.000	2.042	1.398	1.955	(24)
COMM	-1.		23.000	2.556	1.333	1.778	(9)
SEX	1.		5.000	1.667	1.155	1.333	(3)
SEX	2.		18.000	3.000	1.265	1.600	(6)
COMM	1.		26.000	1.733	1.387	1.924	(15)
SEX	1.		7.000	1.167	0.753	0.567	(6)
SEX	2.		19.000	2.111	1.616	2.611	(9)
GRAD	6.		39.000	2.167	1.465	2.147	(18)
COMM	-1.		4.000	2.000	0.0	0.0	(2)
SEX	1.		2.000	2.000	0.0	0.0	(1)

CRITERION VARIABLE SIST

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE		N
SEX	2.		2.000	2.000	0.0	0.0	(	1)
COMM	1.		35.000	2.188	1.559	2.429	(	16)
SEX	1.		16.000	1.778	1.563	2.444	(	9)
SEX	2.		19.000	2.714	1.496	2.238	(	7)
GRAD	7.		43.000	2.150	1.765	3.187	(	20)
COMM	-1.		16.000	2.000	1.927	3.714	(	8)
SEX	1.		9.000	3.000	1.000	1.000	(	3)
SEX	2.		7.000	1.400	2.191	4.800	(	5)
COMM	1.		27.000	2.250	1.765	3.114	(	12)
SEX	1.		10.000	2.000	2.000	4.000	(	5)
SEX	2.		17.000	2.429	1.718	2.952	(	7)
GRAD	8.		72.000	2.667	1.617	2.615	(	27)
COMM	-1.		8.000	2.000	1.414	2.000	(	4)
SEX	1.		5.000	2.500	0.707	0.500	(	2)
SEX	2.		3.000	1.500	2.121	4.500	(	2)
COMM	1.		64.000	2.783	1.650	2.723	(	23)
SEX	1.		27.000	2.700	1.829	3.344	(	10)
SEX	2.		37.000	2.846	1.573	2.474	(	13)
GRAD	9.		53.000	2.208	1.641	2.694	(	24)
COMM	-1.		8.000	2.667	1.528	2.333	(	3)
SEX	2.		8.000	2.667	1.528	2.333	(	3)
COMM	1.		45.000	2.143	1.662	2.829	(	21)
SEX	1.		23.000	2.875	1.642	2.696	(	8)
SEX	2.		22.000	1.692	1.601	2.564	(	13)
GRAD	10.		41.000	1.783	1.622	2.632	(	23)
COMM	-1.		11.000	1.833	1.329	1.767	(	6)
SEX	1.		4.000	2.000	1.414	2.000	(	2)
SEX	2.		7.000	1.750	1.500	2.250	(	4)
COMM	1.		30.000	1.765	1.751	3.066	(	17)
SEX	1.		19.000	1.727	1.555	2.418	(	11)
SEX	2.		11.000	1.833	2.229	4.967	(	6)
GRAD	11.		44.000	2.000	1.662	2.762	(	22)
COMM	-1.		9.000	1.800	1.789	3.200	(	5)
SEX	1.		6.000	2.000	2.000	4.000	(	3)
SEX	2.		3.000	1.500	2.121	4.500	(	2)
COMM	1.		35.000	2.059	1.676	2.809	(	17)
SEX	1.		14.000	1.750	1.488	2.214	(	8)

CRITERION VARIABLE SIST

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		21.000	2.333	1.871	3.500	(9)

TOTAL CASES = 221

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE PLAC
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			803.0000	3.6500	2.3213	5.3884	(220)
GRAD	2.		72.000	3.600	2.088	4.358	(20)
COMM	-1.		36.000	3.000	1.348	1.818	(12)
SEX	1.		14.000	3.500	1.291	1.667	(4)
SEX	2.		22.000	2.750	1.389	1.929	(8)
COMM	1.		36.000	4.500	2.726	7.429	(8)
SEX	1.		12.000	6.000	0.0	0.0	(2)
SEX	2.		24.000	4.000	3.033	9.200	(6)
GRAD	3.		51.000	2.684	2.626	6.895	(19)
COMM	-1.		26.000	2.364	2.378	5.655	(11)
SEX	1.		17.000	2.429	2.936	8.619	(7)
SEX	2.		9.000	2.250	1.258	1.583	(4)
COMM	1.		25.000	3.125	3.044	9.268	(8)
SEX	1.		13.000	4.333	4.933	24.333	(3)
SEX	2.		12.000	2.400	1.517	2.300	(5)
GRAD	4.		112.000	4.667	3.130	9.797	(24)
COMM	-1.		38.000	4.222	3.114	9.694	(9)
SEX	1.		13.000	3.250	3.202	10.250	(4)
SEX	2.		25.000	5.000	3.162	10.000	(5)
COMM	1.		74.000	4.933	3.218	10.352	(15)
SEX	1.		40.000	5.000	3.742	14.000	(8)
SEX	2.		34.000	4.857	2.795	7.810	(7)
GRAD	5.		88.000	3.667	2.297	5.275	(24)
COMM	-1.		37.000	4.111	2.892	8.361	(9)
SEX	1.		10.000	3.333	2.082	4.333	(3)
SEX	2.		27.000	4.500	3.532	11.100	(6)
COMM	1.		51.000	3.400	1.920	3.686	(15)
SEX	1.		18.000	3.000	1.789	3.200	(6)
SEX	2.		33.000	3.667	2.062	4.250	(9)
GRAD	6.		66.000	3.667	2.114	4.471	(18)
COMM	-1.		5.000	2.500	0.707	0.500	(2)
SEX	1.		2.000	2.000	0.0	0.0	(1)

CRITERION VARIABLE PLAC

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		3.000	3.000	0.0	0.0	(1)
COMM	1.		61.000	3.813	2.198	4.829	(16)
SEX	1.		33.000	3.667	2.550	6.500	(9)
SEX	2.		28.000	4.000	1.826	3.333	(7)
GRAD	7.		65.000	3.421	1.953	3.813	(19)
COMM	-1.		23.000	3.286	1.976	3.905	(7)
SEX	1.		9.000	4.500	2.121	4.500	(2)
SEX	2.		14.000	2.800	1.924	3.700	(5)
COMM	1.		42.000	3.500	2.023	4.091	(12)
SEX	1.		16.000	3.200	1.643	2.700	(5)
SEX	2.		26.000	3.714	2.360	5.571	(7)
GRAD	8.		111.000	4.111	2.819	7.949	(27)
COMM	-1.		6.000	2.000	2.000	4.000	(4)
SEX	1.		6.000	3.000	2.828	8.000	(2)
SEX	2.		2.000	1.000	0.0	0.0	(2)
COMM	1.		103.000	4.478	2.610	7.897	(23)
SEX	1.		40.000	4.000	3.018	9.111	(10)
SEX	2.		63.000	4.846	2.703	7.308	(13)
GRAD	9.		101.000	4.208	1.532	2.346	(24)
COMM	-1.		12.000	4.000	1.732	3.000	(3)
SEX	2.		12.000	4.000	1.732	3.000	(3)
COMM	1.		89.000	4.238	1.546	2.390	(21)
SEX	1.		37.000	4.625	1.598	2.554	(8)
SEX	2.		52.000	4.000	1.528	2.333	(13)
GRAD	10.		61.000	2.652	1.668	2.783	(23)
COMM	-1.		10.000	1.667	0.816	0.667	(6)
SEX	1.		3.000	1.500	0.707	0.500	(2)
SEX	2.		7.000	1.750	0.957	0.917	(4)
COMM	1.		51.000	3.000	1.768	3.125	(17)
SEX	1.		32.000	2.909	1.446	2.091	(11)
SEX	2.		19.000	3.167	2.401	5.767	(6)
GRAD	11.		76.000	3.455	1.945	3.784	(22)
COMM	-1.		11.000	2.200	1.643	2.700	(5)
SEX	1.		6.000	2.000	1.732	3.000	(3)
SEX	2.		5.000	2.500	2.121	4.500	(2)
COMM	1.		65.000	3.824	1.912	3.654	(17)
SEX	1.		31.000	3.875	1.885	3.554	(8)

CRITERION VARIABLE PLAC

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2,		34,000	3,778	2,043	4,194	(9)

TOTAL CASES = 221
MISSING CASES = 1 OR 0,5 PCT,

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE OTIS
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			5027.0000	33.2914	10.8361	117.4217	(151)
GRAD	5.		440.000	20.000	5.665	32.095	(22)
COMM	-1.		199.000	22.111	5.396	29.112	(9)
SEX	1.		75.000	25.000	5.196	27.000	(3)
SEX	2.		124.000	20.667	5.317	28.267	(6)
COMM	1.		241.000	18.538	5.577	31.103	(13)
SEX	1.		106.000	21.200	2.490	6.200	(5)
SEX	2.		135.000	16.875	6.446	41.554	(8)
GRAD	6.		460.000	27.059	10.527	110.809	(17)
COMM	-1.		71.000	35.500	21.920	480.500	(2)
SEX	1.		51.000	51.000	0.0	0.0	(1)
SEX	2.		20.000	20.000	0.0	0.0	(1)
COMM	1.		389.000	25.933	8.988	80.782	(15)
SEX	1.		234.000	26.000	7.599	57.750	(9)
SEX	2.		155.000	25.833	11.566	133.767	(6)
GRAD	7.		671.000	35.316	7.938	63.006	(19)
COMM	-1.		290.000	36.250	7.978	63.643	(8)
SEX	1.		119.000	39.667	6.351	40.334	(3)
SEX	2.		171.000	34.200	8.786	77.200	(5)
COMM	1.		381.000	34.636	8.225	67.655	(11)
SEX	1.		130.000	32.500	7.141	51.000	(4)
SEX	2.		251.000	35.857	9.082	82.477	(7)
GRAD	8.		1000.000	38.462	7.737	59.859	(26)
COMM	-1.		142.000	35.500	7.767	60.333	(4)
SEX	1.		77.000	38.500	12.021	144.500	(2)
SEX	2.		65.000	32.500	0.707	0.500	(2)
COMM	1.		858.000	39.000	7.789	60.667	(22)
SEX	1.		369.000	36.900	7.047	49.656	(10)
SEX	2.		489.000	40.750	6.237	67.841	(12)
GRAD	9.		759.000	31.625	8.732	76.245	(24)
COMM	-1.		115.000	38.333	19.502	380.334	(3)
SEX	2.		115.000	38.333	19.502	380.334	(3)

CRITERION VARIABLE OTIS

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
COMM	1.		644.000	30.667	6.476	41.934	(21)
SEX	1.		209.000	26.125	5.817	33.839	(8)
SEX	2.		435.000	33.462	5.285	27.936	(13)
GRAD	10.		880.000	40.000	7.540	56.857	(22)
COMM	-1.		245.000	40.833	8.909	79.367	(6)
SEX	1.		70.000	35.000	12.728	162.000	(2)
SEX	2.		175.000	43.750	6.652	44.250	(4)
COMM	1.		635.000	39.688	7.264	52.762	(16)
SEX	1.		382.000	38.200	5.534	30.622	(10)
SEX	2.		253.000	42.167	9.559	91.367	(6)
GRAD	11.		817.000	38.905	11.291	127.491	(21)
COMM	-1.		220.000	44.000	3.391	11.500	(5)
SEX	1.		127.000	42.333	3.512	12.334	(3)
SEX	2.		93.000	46.500	0.707	0.500	(2)
COMM	1.		597.000	37.313	12.472	155.562	(16)
SEX	1.		264.000	37.714	17.576	308.906	(7)
SEX	2.		333.000	37.000	7.730	59.750	(9)

TOTAL CASES = 221
MISSING CASES = '70 OR 31.7 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE PMAT
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			6537.0000	31.5797	13.0456	170.1672	(207)
GRAD	2.		263.000	13.842	3.484	12.140	(19)
COMM	-1.		161.000	13.417	3.753	14.083	(12)
SEX	1.		56.000	14.000	1.414	2.000	(4)
SEX	2.		105.000	13.125	4.581	20.982	(8)
COMM	1.		102.000	14.571	3.101	9.619	(7)
SEX	1.		28.000	14.000	1.414	2.000	(2)
SEX	2.		74.000	14.800	3.701	13.700	(5)
GRAD	3.		254.000	15.875	5.864	34.383	(16)
COMM	-1.		175.000	17.500	6.932	48.056	(10)
SEX	1.		111.000	18.500	7.503	56.300	(6)
SEX	2.		64.000	16.000	6.733	45.333	(4)
COMM	1.		79.000	13.167	1.602	2.567	(6)
SEX	1.		28.000	14.000	0.0	0.0	(2)
SEX	2.		51.000	12.750	1.893	3.583	(4)
GRAD	4.		463.000	22.048	9.367	87.748	(21)
COMM	-1.		206.000	22.889	10.252	105.111	(9)
SEX	1.		90.000	22.500	7.937	63.000	(4)
SEX	2.		116.000	23.200	12.755	162.700	(5)
COMM	1.		257.000	21.417	9.060	82.084	(12)
SEX	1.		127.000	21.167	9.725	94.567	(6)
SEX	2.		130.000	21.667	9.266	85.867	(6)
GRAD	5.		650.000	29.545	8.325	69.308	(22)
COMM	-1.		277.000	30.778	6.476	41.945	(9)
SEX	1.		100.000	33.333	4.726	22.334	(3)
SEX	2.		177.000	29.500	7.232	52.300	(6)
COMM	1.		373.000	28.692	9.560	91.398	(13)
SEX	1.		188.000	31.333	4.457	19.867	(6)
SEX	2.		185.000	26.429	12.381	153.286	(7)
GRAD	6.		537.000	31.588	7.690	59.133	(17)
COMM	-1.		55.000	27.500	7.778	60.500	(2)
SEX	1.		33.000	33.000	0.0	0.0	(1)

CRITERION VARIABLE PHAT

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE		N
SEX	2.		22.000	22.000	0.0	0.0	(	1)
COMM	1.		482.000	32.133	7.782	60.552	(	15)
SEX	1.		302.000	33.556	4.953	24.528	(	9)
SEX	2.		180.000	30.000	11.009	121.200	(	6)
GRAD	7.		632.000	33.263	8.326	69.316	(	19)
COMM	-1.		256.000	36.571	9.034	81.619	(	7)
SEX	1.		122.000	40.667	2.517	6.334	(	3)
SEX	2.		134.000	33.500	11.387	129.667	(	4)
COMM	1.		376.000	31.333	7.608	57.879	(	12)
SEX	1.		146.000	29.200	9.149	83.700	(	5)
SEX	2.		230.000	32.857	6.619	43.811	(	7)
GRAD	8.		855.000	31.667	7.731	59.770	(	27)
COMM	-1.		108.000	27.000	5.292	28.000	(	4)
SEX	1.		62.000	31.000	4.243	18.000	(	2)
SEX	2.		46.000	23.000	1.414	2.000	(	2)
COMM	1.		747.000	32.478	7.885	62.170	(	23)
SEX	1.		292.000	29.200	5.594	31.289	(	10)
SEX	2.		455.000	35.000	8.641	74.667	(	13)
GRAD	9.		858.000	39.000	10.161	103.238	(	22)
COMM	-1.		95.000	47.500	12.021	144.500	(	2)
SEX	2.		95.000	47.500	12.021	144.500	(	2)
COMM	1.		763.000	38.150	9.906	98.134	(	20)
SEX	1.		209.000	29.857	10.254	105.144	(	7)
SEX	2.		554.000	42.615	6.410	41.090	(	13)
GRAD	10.		1031.000	44.826	9.247	85.514	(	23)
COMM	-1.		298.000	49.667	7.789	60.668	(	6)
SEX	1.		82.000	41.000	6.485	72.000	(	2)
SEX	2.		216.000	54.000	1.414	2.000	(	4)
COMM	1.		733.000	43.118	9.313	86.736	(	17)
SEX	1.		478.000	43.455	10.113	102.273	(	11)
SEX	2.		255.000	42.500	6.503	42.300	(	6)
GRAD	11.		994.000	47.333	6.636	44.034	(	21)
COMM	-1.		204.000	51.000	3.651	13.333	(	4)
SEX	1.		102.000	51.000	2.828	8.000	(	2)
SEX	2.		102.000	51.000	5.657	32.000	(	2)
COMM	1.		790.000	46.471	6.956	48.390	(	17)
SEX	1.		368.000	46.000	8.685	75.429	(	8)

CRITERION VARIABLE PMAT

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		422.000	46.889	5.510	30.361	(9)

TOTAL CASES = 221
MISSING CASES = 14 OR 6.3 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE VERB
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			2542.0000	13.3089	7.8549	61.6988	(191)
GRAD	2.		241.000	14.176	5.593	31.279	(17)
COMM	-1.		156.000	14.364	5.591	31.255	(11)
SEX	1.		56.000	14.000	5.888	34.667	(4)
SEX	2.		102.000	14.571	5.884	34.619	(7)
COMM	1.		83.000	13.833	6.113	37.367	(6)
SEX	1.		19.000	19.000	0.0	0.0	(1)
SEX	2.		64.000	12.800	6.221	38.700	(5)
GRAD	3.		357.000	18.789	6.554	42.954	(19)
COMM	-1.		224.000	20.364	7.379	54.455	(11)
SEX	1.		146.000	20.857	7.515	56.476	(7)
SEX	2.		78.000	19.500	8.185	67.000	(4)
COMM	1.		133.000	16.625	4.838	23.411	(8)
SEX	1.		55.000	18.333	6.506	42.333	(3)
SEX	2.		78.000	15.600	4.037	16.300	(5)
GRAD	4.		545.000	22.708	8.206	67.346	(24)
COMM	-1.		200.000	22.222	6.261	39.195	(9)
SEX	1.		97.000	24.250	2.988	8.917	(4)
SEX	2.		103.000	20.600	8.019	64.300	(5)
COMM	1.		345.000	23.000	9.381	88.000	(15)
SEX	1.		158.000	19.750	5.548	30.786	(8)
SEX	2.		187.000	26.714	11.800	139.239	(7)
GRAD	5.		79.000	3.435	2.171	4.711	(23)
COMM	-1.		27.000	3.000	2.062	4.250	(9)
SEX	1.		13.000	4.333	1.155	1.333	(3)
SEX	2.		14.000	2.333	2.160	4.667	(6)
COMM	1.		52.000	3.714	2.268	5.143	(14)
SEX	1.		20.000	3.333	1.862	3.467	(6)
SEX	2.		32.000	4.000	2.619	6.857	(8)
GRAD	6.		93.000	5.471	3.484	12.140	(17)
COMM	-1.		21.000	10.500	7.778	60.500	(2)
SEX	1.		16.000	16.000	0.0	0.0	(1)

CRITERION VARIABLE VERB

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		5.000	5.000	0.0	0.0	(1)
COMM	1.		72.000	4.800	2.336	5.457	(15)
SEX	1.		50.000	5.556	2.297	5.278	(9)
SEX	2.		22.000	3.667	2.066	4.267	(6)
GRAD	7.		206.000	11.444	4.681	21.909	(18)
COMM	-1.		79.000	13.167	3.189	10.167	(6)
SEX	1.		41.000	13.667	0.577	0.333	(3)
SEX	2.		38.000	12.667	4.933	24.333	(3)
COMM	1.		127.000	10.583	5.178	26.811	(12)
SEX	1.		45.000	9.000	5.244	27.500	(5)
SEX	2.		82.000	11.714	5.219	27.238	(7)
GRAD	8.		337.000	12.481	5.221	27.259	(27)
COMM	-1.		51.000	12.750	3.594	12.917	(4)
SEX	1.		29.000	14.500	4.950	24.500	(2)
SEX	2.		22.000	11.000	1.414	2.000	(2)
COMM	1.		286.000	12.435	5.517	30.439	(23)
SEX	1.		101.000	10.100	6.208	38.544	(10)
SEX	2.		185.000	14.231	4.343	18.859	(13)
GRAD	9.		360.000	15.000	5.332	28.435	(24)
COMM	-1.		54.000	18.000	4.583	21.000	(3)
SEX	2.		54.000	18.000	4.583	21.000	(3)
COMM	1.		306.000	14.571	5.390	29.057	(21)
SEX	1.		115.000	14.375	3.662	13.411	(8)
SEX	2.		191.000	14.692	6.369	40.564	(13)
GRAD	10.		324.000	14.727	5.700	32.494	(22)
COMM	-1.		102.000	17.000	4.604	21.200	(6)
SEX	1.		26.000	13.000	1.414	2.000	(2)
SEX	2.		76.000	19.000	4.320	18.667	(4)
COMM	1.		222.000	13.875	5.965	35.583	(16)
SEX	1.		111.000	11.100	2.079	4.322	(10)
SEX	2.		111.000	18.500	7.609	57.900	(6)

TOTAL CASES = 221
MISSING CASES = 30 OR 13.6 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE REAS
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE		N
FOR ENTIRE POPULATION			2804.0000	14.6806	9.3024	86.5343	(	191)
GRAD	2.		327.000	19.235	5.310	28.191	(	17)
COMM	-1.		205.000	18.636	5.143	26.455	(	11)
SEX	1.		64.000	16.000	6.683	44.667	(	4)
SEX	2.		141.000	20.143	3.805	14.476	(	7)
COMM	1.		122.000	20.333	5.922	35.067	(	6)
SEX	1.		19.000	19.000	0.0	0.0	(	1)
SEX	2.		103.000	20.600	6.580	43.300	(	5)
GRAD	3.		450.000	25.000	6.739	45.412	(	18)
COMM	-1.		241.000	24.100	5.238	27.434	(	10)
SEX	1.		148.000	24.667	6.218	38.667	(	6)
SEX	2.		93.000	23.250	4.031	16.250	(	4)
COMM	1.		209.000	26.125	8.509	72.411	(	8)
SEX	1.		97.000	32.333	4.041	16.334	(	3)
SEX	2.		112.000	22.400	8.503	72.300	(	5)
GRAD	4.		695.000	28.958	6.925	47.955	(	24)
COMM	-1.		255.000	28.333	9.179	84.250	(	9)
SEX	1.		102.000	25.500	8.266	68.333	(	4)
SEX	2.		153.000	30.600	10.139	102.801	(	5)
COMM	1.		440.000	29.333	5.499	30.238	(	15)
SEX	1.		223.000	27.875	3.227	10.411	(	8)
SEX	2.		217.000	31.000	7.234	52.333	(	7)
GRAD	5.		125.000	5.435	3.488	12.166	(	23)
COMM	-1.		62.000	6.889	2.667	7.111	(	9)
SEX	1.		18.000	6.000	2.646	7.000	(	3)
SEX	2.		44.000	7.333	2.805	7.867	(	6)
COMM	1.		63.000	4.500	3.716	13.808	(	14)
SEX	1.		23.000	3.833	2.639	6.967	(	6)
SEX	2.		40.000	5.000	4.472	20.000	(	8)
GRAD	6.		126.000	7.412	4.017	16.132	(	17)
COMM	-1.		11.000	5.500	2.121	4.500	(	2)
SEX	1.		7.000	7.000	0.0	0.0	(	1)

CRITERION VARIABLE REAS

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		4.000	4.000	0.0	0.0	(1)
COMM	1.		115.000	7.667	4.186	17.524	(15)
SEX	1.		76.000	8.444	4.333	18.778	(9)
SEX	2.		39.000	6.500	4.037	16.300	(6)
GRAD	7.		177.000	9.316	5.250	27.561	(19)
COMM	=1.		65.000	9.286	5.407	29.238	(7)
SEX	1.		30.000	10.000	4.359	19.000	(3)
SEX	2.		35.000	8.750	6.702	44.917	(4)
COMM	1.		112.000	9.333	5.399	29.152	(12)
SEX	1.		44.000	8.800	5.848	34.200	(5)
SEX	2.		66.000	9.714	5.499	30.238	(7)
GRAD	8.		290.000	10.741	5.647	31.892	(27)
COMM	=1.		39.000	9.750	3.304	10.917	(4)
SEX	1.		24.000	12.000	0.0	0.0	(2)
SEX	2.		15.000	7.500	3.536	12.500	(2)
COMM	1.		251.000	10.913	5.999	35.992	(23)
SEX	1.		89.000	8.900	4.630	21.433	(10)
SEX	2.		162.000	12.462	6.628	43.936	(13)
GRAD	9.		301.000	12.542	4.587	21.042	(24)
COMM	=1.		43.000	14.333	4.041	16.333	(3)
SEX	2.		43.000	14.333	4.041	16.333	(3)
COMM	1.		258.000	12.286	4.692	22.014	(21)
SEX	1.		80.000	10.000	3.928	15.429	(8)
SEX	2.		178.000	13.692	4.697	22.064	(13)
GRAD	10.		313.000	14.227	5.665	32.089	(22)
COMM	=1.		97.000	16.167	4.957	24.567	(6)
SEX	1.		25.000	12.500	3.536	12.500	(2)
SEX	2.		72.000	18.000	4.830	23.333	(4)
COMM	1.		216.000	13.500	5.888	34.667	(16)
SEX	1.		112.000	11.200	4.803	23.067	(10)
SEX	2.		104.000	17.333	5.854	34.267	(6)

TOTAL CASES = 221
MISSING CASES = 30 OR 13.6 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE NUML
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			2180,0000	13,9744	9,8286	96,6058	(156)
GRAD	4,		667,000	27,792	10,722	114,955	(24)
COMM	-1,		277,000	30,778	8,541	72,945	(9)
SEX	1,		106,000	26,500	10,970	120,333	(4)
SEX	2,		171,000	34,200	4,764	22,700	(5)
COMM	1,		390,000	26,000	11,747	138,000	(15)
SEX	1,		215,000	26,875	12,264	150,411	(8)
SEX	2,		175,000	25,000	12,014	144,333	(7)
GRAD	5,		144,000	6,261	5,512	30,383	(23)
COMM	-1,		44,000	4,889	2,369	5,611	(9)
SEX	1,		10,000	3,333	3,512	12,333	(3)
SEX	2,		34,000	5,667	1,366	1,667	(6)
COMM	1,		100,000	7,143	6,769	45,824	(14)
SEX	1,		42,000	7,000	8,922	79,600	(6)
SEX	2,		58,000	7,250	5,312	28,214	(8)
GRAD	6,		121,000	7,118	4,622	21,360	(17)
COMM	-1,		14,000	7,000	1,414	2,000	(2)
SEX	1,		8,000	8,000	0,0	0,0	(1)
SEX	2,		6,000	6,000	0,0	0,0	(1)
COMM	1,		107,000	7,133	4,926	24,267	(15)
SEX	1,		41,000	4,556	4,391	19,278	(9)
SEX	2,		66,000	11,000	2,683	7,200	(6)
GRAD	7,		207,000	10,895	6,632	43,988	(19)
COMM	-1,		73,000	10,429	5,623	31,619	(7)
SEX	1,		40,000	13,333	7,506	56,333	(3)
SEX	2,		33,000	8,250	3,304	10,917	(4)
COMM	1,		134,000	11,167	7,383	54,515	(12)
SEX	1,		43,000	8,600	6,841	46,800	(5)
SEX	2,		91,000	13,000	7,703	59,333	(7)
GRAD	8,		335,000	12,407	7,255	52,635	(27)
COMM	-1,		36,000	9,000	6,831	46,667	(4)
SEX	1,		20,000	10,000	2,828	8,000	(2)

CRITERION VARIABLE NUML

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
SEX	2.		16.000	8.000	11.314	128.000	(2)
COMM	1.		299.000	13.000	7.305	53.364	(23)
SEX	1.		95.000	9.500	6.654	44.278	(10)
SEX	2.		204.000	15.692	6.824	46.564	(13)
GRAD	9.		319.000	13.292	6.798	46.216	(24)
COMM	-1.		61.000	20.333	10.017	100.333	(3)
SEX	2.		61.000	20.333	10.017	100.333	(3)
COMM	1.		258.000	12.286	5.883	34.614	(21)
SEX	1.		80.000	10.000	6.024	36.286	(8)
SEX	2.		178.000	13.692	5.559	30.897	(13)
GRAD	10.		387.000	17.591	6.177	38.158	(22)
COMM	-1.		108.000	18.000	3.406	11.600	(6)
SEX	1.		36.000	18.000	2.828	8.000	(2)
SEX	2.		72.000	18.000	4.082	16.667	(4)
COMM	1.		279.000	17.438	7.033	49.462	(16)
SEX	1.		151.000	15.100	7.810	60.989	(10)
SEX	2.		128.000	21.333	3.077	9.467	(6)

TOTAL CASES = 221
MISSING CASES = 65 OR 29.4 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE SPAT
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			2115.0000	11.4946	9.4747	89.7705	(184)
GRAD	2.		165.000	9.706	3.837	14.721	(17)
COMM	-1.		105.000	9.545	3.725	13.873	(11)
SEX	1.		40.000	10.000	5.598	31.333	(4)
SEX	2.		65.000	9.286	2.690	7.238	(7)
COMM	1.		60.000	10.000	4.382	19.200	(6)
SEX	1.		13.000	13.000	0.0	0.0	(1)
SEX	2.		47.000	9.400	4.615	21.300	(5)
GRAD	3.		229.000	12.053	4.236	17.942	(19)
COMM	-1.		148.000	13.455	4.344	18.873	(11)
SEX	1.		105.000	15.000	4.546	20.667	(7)
SEX	2.		43.000	10.750	2.500	6.250	(4)
COMM	1.		81.000	10.125	3.441	11.839	(8)
SEX	1.		35.000	11.667	2.517	6.333	(3)
SEX	2.		46.000	9.200	3.834	14.700	(5)
GRAD	4.		365.000	15.208	4.032	16.259	(24)
COMM	-1.		141.000	15.687	3.202	10.250	(9)
SEX	1.		62.000	15.500	3.416	11.667	(4)
SEX	2.		79.000	15.800	3.421	11.700	(5)
COMM	1.		224.000	14.933	4.543	20.638	(15)
SEX	1.		110.000	13.750	4.268	18.214	(8)
SEX	2.		114.000	16.286	4.786	22.905	(7)
GRAD	5.		89.000	3.870	5.627	31.664	(23)
COMM	-1.		19.000	2.111	4.197	17.611	(9)
SEX	1.		13.000	4.333	6.658	44.333	(3)
SEX	2.		6.000	1.000	2.449	6.000	(6)
COMM	1.		70.000	5.000	6.263	39.231	(14)
SEX	1.		53.000	8.833	6.998	48.967	(6)
SEX	2.		17.000	2.125	3.480	15.839	(8)
GRAD	6.		171.000	10.059	4.542	91.059	(17)
COMM	-1.		17.000	8.500	12.021	144.500	(2)
SEX	1.		17.000	17.000	0.0	0.0	(1)

CRITERION VARIABLE SPAT

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE		N
SEX	2,		0,0	0,0	0,0	0,0	(	1)
COMM	1,		154,000	10,267	9,662	93,352	(	15)
SEX	1,		99,000	11,000	9,925	98,500	(	9)
SEX	2,		55,000	9,167	10,068	101,367	(	6)
GRAD	7,		136,000	7,158	9,305	86,585	(	19)
COMM	-1,		85,000	12,143	12,308	151,476	(	7)
SEX	1,		52,000	17,333	6,083	65,333	(	3)
SEX	2,		33,000	8,250	14,569	212,250	(	4)
COMM	1,		51,000	4,250	5,833	34,023	(	12)
SEX	1,		13,000	2,600	2,608	6,800	(	5)
SEX	2,		38,000	5,429	7,345	53,952	(	7)
GRAD	8,		408,000	15,111	13,086	171,256	(	27)
COMM	-1,		30,000	7,500	15,000	225,000	(	4)
SEX	1,		30,000	15,000	21,213	450,000	(	2)
SEX	2,		0,0	0,0	0,0	0,0	(	2)
COMM	1,		378,000	16,435	12,623	159,348	(	23)
SEX	1,		138,000	13,800	11,865	140,844	(	10)
SEX	2,		240,000	18,462	13,277	176,270	(	13)
GRAD	9,		284,000	14,947	9,565	91,497	(	19)
COMM	-1,		33,000	16,500	12,021	144,500	(	2)
SEX	2,		33,000	16,500	12,021	144,500	(	2)
COMM	1,		251,000	14,765	9,673	93,566	(	17)
SEX	1,		106,000	17,667	11,130	123,867	(	6)
SEX	2,		145,000	13,182	8,942	79,964	(	11)
GRAD	10,		268,000	14,105	12,591	158,544	(	19)
COMM	-1,		96,000	16,000	17,390	302,400	(	6)
SEX	1,		20,000	10,000	12,728	162,000	(	2)
SEX	2,		76,000	19,000	20,347	414,000	(	4)
COMM	1,		172,000	13,231	10,450	109,192	(	13)
SEX	1,		102,000	12,750	11,781	138,786	(	8)
SEX	2,		70,000	14,000	9,138	83,500	(	5)

TOTAL CASES = 221
MISSING CASES = 37 OR 16,7 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE FLUV
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			3776.0000	28.6060	10.8605	117.9509	(132)
GRAD	5.		357.000	15.522	6.416	41.170	(23)
COMM	-1.		101.000	11.222	4.177	17.444	(9)
SEX	1.		43.000	14.333	3.215	10.333	(3)
SEX	2.		58.000	9.667	3.832	15.067	(6)
COMM	1.		256.000	18.286	6.157	37.912	(14)
SEX	1.		107.000	17.833	5.601	31.367	(6)
SEX	2.		149.000	18.625	6.906	47.696	(8)
GRAD	6.		353.000	20.882	6.845	46.861	(17)
COMM	-1.		44.000	22.000	8.485	72.000	(2)
SEX	1.		28.000	28.000	0.0	0.0	(1)
SEX	2.		16.000	16.000	0.0	0.0	(1)
COMM	1.		311.000	20.733	6.943	48.210	(15)
SEX	1.		175.000	19.444	4.746	22.528	(9)
SEX	2.		136.000	22.667	9.564	91.467	(6)
GRAD	7.		547.000	28.789	7.285	53.065	(19)
COMM	-1.		191.000	27.286	8.519	72.572	(7)
SEX	1.		79.000	26.333	8.327	69.334	(3)
SEX	2.		112.000	28.000	9.666	97.333	(4)
COMM	1.		356.000	29.667	6.706	44.970	(12)
SEX	1.		133.000	26.600	7.570	57.300	(5)
SEX	2.		223.000	31.857	5.551	30.811	(7)
GRAD	8.		888.000	32.889	7.511	56.410	(27)
COMM	-1.		111.000	27.750	8.098	65.583	(4)
SEX	1.		57.000	28.500	12.021	144.500	(2)
SEX	2.		54.000	27.000	7.071	50.000	(2)
COMM	1.		777.000	33.783	7.217	52.087	(23)
SEX	1.		327.000	32.700	6.584	43.345	(10)
SEX	2.		450.000	34.615	7.627	61.257	(13)
GRAD	9.		897.000	37.375	7.677	58.940	(24)
COMM	-1.		115.000	38.333	9.074	82.334	(3)
SEX	2.		115.000	38.333	9.074	82.334	(3)

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CRITERION VARIABLE FLUY

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
COMM	1.		782.000	37.238	7.707	59.391	(21)
SEX	1.		269.000	33.625	8.618	74.268	(8)
SEX	2.		513.000	39.462	6.450	41.603	(13)
GRAD	10.		732.000	33.273	10.343	106.970	(22)
COMM	-1.		225.000	37.500	10.672	113.900	(6)
SEX	1.		87.000	43.500	4.950	24.500	(2)
SEX	2.		138.000	34.500	12.069	145.667	(4)
COMM	1.		507.000	31.688	10.098	101.962	(16)
SEX	1.		264.000	26.400	5.892	34.711	(10)
SEX	2.		243.000	40.500	9.711	94.300	(6)

TOTAL CASES = 221
MISSING CASES = 89 OR 40.3 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE TESV
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			4319,0000	51,4167	13,3509	178,2470	(84)
GRAD	5,		794,000	39,700	7,630	58,221	(20)
COMM	-1,		352,000	39,111	6,954	48,362	(9)
SEX	1,		119,000	39,667	7,638	58,334	(3)
SEX	2,		233,000	38,833	7,333	53,767	(6)
COMM	1,		442,000	40,182	8,448	71,364	(11)
SEX	1,		197,000	39,400	7,232	52,301	(5)
SEX	2,		245,000	40,833	9,988	99,767	(6)
GRAD	6,		794,000	46,706	12,834	164,721	(17)
COMM	-1,		99,000	49,500	21,920	480,500	(2)
SEX	1,		65,000	65,000	0,0	0,0	(1)
SEX	2,		34,000	34,000	0,0	0,0	(1)
COMM	1,		695,000	46,333	12,356	152,667	(15)
SEX	1,		368,000	46,000	13,512	182,571	(8)
SEX	2,		327,000	46,714	11,954	142,906	(7)
GRAD	7,		1064,000	53,200	8,276	68,485	(20)
COMM	-1,		415,000	51,875	9,109	82,982	(8)
SEX	1,		165,000	55,000	9,644	93,000	(3)
SEX	2,		250,000	50,000	9,327	87,000	(5)
COMM	1,		649,000	54,083	7,960	63,357	(12)
SEX	1,		279,000	55,800	8,643	74,701	(5)
SEX	2,		370,000	52,857	7,883	62,144	(7)
GRAD	8,		1667,000	61,741	11,909	141,817	(27)
COMM	-1,		253,000	63,250	13,150	172,917	(4)
SEX	1,		129,000	64,500	21,920	480,500	(2)
SEX	2,		124,000	62,000	5,657	32,000	(2)
COMM	1,		1414,000	61,478	11,981	143,534	(23)
SEX	1,		604,000	60,400	12,394	153,601	(10)
SEX	2,		810,000	62,308	12,093	146,252	(13)

TOTAL CASES = 221
MISSING CASES = 137 OR 62,0 PCT,

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE TESR
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE		N
FOR ENTIRE POPULATION			4348.0000	51.7619	13.4547	181.0278	(	84)
GRAD	5.		776.000	38.800	8.121	65.958	(	20)
COMM	-1.		347.000	38.556	7.667	58.779	(	9)
SEX	1.		116.000	38.667	8.083	65.334	(	3)
SEX	2.		231.000	38.500	8.240	67.900	(	6)
COMM	1.		429.000	39.000	8.843	78.200	(	11)
SEX	1.		184.000	36.800	8.468	71.701	(	5)
SEX	2.		245.000	40.833	9.496	90.167	(	6)
GRAD	6.		784.000	46.118	11.163	124.611	(	17)
COMM	-1.		92.000	46.000	31.113	968.000	(	2)
SEX	1.		68.000	68.000	0.0	0.0	(	1)
SEX	2.		24.000	24.000	0.0	0.0	(	1)
COMM	1.		692.000	46.133	8.560	73.267	(	15)
SEX	1.		373.000	46.625	7.090	50.268	(	8)
SEX	2.		319.000	45.571	10.565	111.620	(	7)
GRAD	7.		1125.000	56.250	9.072	82.303	(	20)
COMM	-1.		433.000	54.125	9.935	98.698	(	8)
SEX	1.		173.000	57.667	2.310	5.333	(	3)
SEX	2.		260.000	52.000	12.450	155.000	(	5)
COMM	1.		692.000	57.667	8.595	73.880	(	12)
SEX	1.		293.000	58.600	8.764	76.801	(	5)
SEX	2.		399.000	57.000	9.110	83.000	(	7)
GRAD	8.		1663.000	61.593	11.267	126.945	(	27)
COMM	-1.		227.000	56.750	9.845	96.917	(	4)
SEX	1.		116.000	58.000	14.142	200.000	(	2)
SEX	2.		111.000	55.500	9.192	84.500	(	2)
COMM	1.		1436.000	62.435	11.481	131.804	(	23)
SEX	1.		599.000	59.900	9.183	84.323	(	10)
SEX	2.		837.000	64.385	12.999	168.923	(	13)

TOTAL CASES = 221
MISSING CASES = 137 OR 62.0 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE TESM
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			4427.0000	52.7024	15.0740	227.2244	(84)
GRAD	5.		721.000	36.050	4.785	22.893	(20)
COMM	-1.		318.000	35.333	4.848	23.500	(9)
SEX	1.		104.000	34.667	3.055	9.334	(3)
SEX	2.		214.000	35.667	5.765	33.467	(6)
COMM	1.		403.000	36.636	4.824	23.655	(11)
SEX	1.		181.000	36.200	4.025	16.200	(5)
SEX	2.		222.000	37.000	5.865	34.400	(6)
GRAD	6.		776.000	45.765	7.102	50.442	(17)
COMM	-1.		102.000	51.000	9.899	98.000	(2)
SEX	1.		58.000	58.000	0.0	0.0	(1)
SEX	2.		44.000	44.000	0.0	0.0	(1)
COMM	1.		676.000	45.067	6.796	46.210	(15)
SEX	1.		362.000	45.250	6.228	38.786	(8)
SEX	2.		314.000	44.857	7.904	62.477	(7)
GRAD	7.		1102.000	55.100	11.178	124.937	(20)
COMM	-1.		457.000	57.125	14.436	208.411	(8)
SEX	1.		169.000	56.333	15.044	226.334	(3)
SEX	2.		288.000	57.600	15.837	250.801	(5)
COMM	1.		645.000	53.750	8.843	78.205	(12)
SEX	1.		264.000	52.800	9.011	81.201	(5)
SEX	2.		381.000	54.429	9.378	87.954	(7)
GRAD	8.		1826.000	67.630	10.281	105.704	(27)
COMM	-1.		253.000	63.250	14.104	198.917	(4)
SEX	1.		117.000	58.500	16.263	264.500	(2)
SEX	2.		136.000	68.000	15.556	242.000	(2)
COMM	1.		1573.000	68.391	9.680	93.705	(23)
SEX	1.		694.000	69.400	11.520	132.712	(10)
SEX	2.		879.000	67.615	8.412	70.757	(13)

TOTAL CASES = 221
MISSING CASES = 137 OR 62.0 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE LAST
BROKEN DOWN BY GRAD
BY COMM
BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE		N
FOR ENTIRE POPULATION			4765.0000	56.7262	16.3194	266.3223	(	84)
GRAD	5.		825.000	41.250	4.618	92.513	(	20)
COMM	-1.		341.000	37.889	9.347	87.361	(	9)
SEX	1.		119.000	39.667	11.719	137.334	(	3)
SEX	2.		222.000	37.000	4.055	82.800	(	6)
COMM	1.		484.000	44.000	4.349	87.400	(	11)
SEX	1.		206.000	41.200	6.458	41.700	(	5)
SEX	2.		278.000	46.333	11.272	127.067	(	6)
GRAD	6.		841.000	49.471	10.572	111.765	(	17)
COMM	-1.		99.000	49.500	12.021	144.500	(	2)
SEX	1.		58.000	58.000	0.0	0.0	(	1)
SEX	2.		41.000	41.000	0.0	0.0	(	1)
COMM	1.		742.000	49.467	10.836	117.410	(	15)
SEX	1.		412.000	51.500	10.850	117.714	(	8)
SEX	2.		330.000	47.143	11.172	124.810	(	7)
GRAD	7.		1193.000	59.650	12.865	165.503	(	20)
COMM	-1.		521.000	65.125	13.964	194.982	(	8)
SEX	1.		226.000	75.333	14.364	206.334	(	3)
SEX	2.		295.000	59.000	10.630	113.000	(	5)
COMM	1.		672.000	56.000	11.201	125.455	(	12)
SEX	1.		269.000	53.800	7.662	58.701	(	5)
SEX	2.		403.000	57.571	13.565	183.953	(	7)
GRAD	8.		1906.000	70.593	12.959	167.945	(	27)
COMM	-1.		293.000	73.250	9.979	99.583	(	4)
SEX	1.		148.000	74.000	5.657	32.000	(	2)
SEX	2.		145.000	72.500	16.263	264.500	(	2)
COMM	1.		1613.000	70.130	13.542	183.392	(	23)
SEX	1.		686.000	68.600	13.325	177.512	(	10)
SEX	2.		925.000	71.154	14.159	200.479	(	13)

TOTAL CASES = 221
MISSING CASES = 137 OR 62.0 PCT.

FILE SKANES (CREATION DATE = 09/24/75) ARNCO

DESCRIPTION OF SUBPOPULATIONS

CRITERION VARIABLE BROKEN DOWN BY: PERC BY GRAD BY COMM BY SEX

VARIABLE	CODE	VALUE LABEL	SUM	MEAN	STD DEV	VARIANCE	N
FOR ENTIRE POPULATION			1171,0000	19,5167	8,4502	71,4066	(60)
GRAD	2,		220,000	12,941	6,067	36,809	(17)
COMM	=1,		123,000	11,182	5,964	35,564	(11)
SEX	1,		42,000	10,500	6,351	40,333	(4)
SEX	2,		81,000	11,571	6,214	38,619	(7)
COMM	1,		97,000	16,167	5,231	27,367	(6)
SEX	1,		14,000	14,000	0,0	0,0	(1)
SEX	2,		83,000	16,600	5,727	32,800	(5)
GRAD	3,		360,000	18,947	6,004	36,053	(19)
COMM	=1,		214,000	19,455	6,219	38,673	(11)
SEX	1,		138,000	19,714	3,988	15,905	(7)
SEX	2,		76,000	19,000	9,832	96,667	(4)
COMM	1,		146,000	18,250	6,042	36,500	(8)
SEX	1,		64,000	21,333	6,658	44,333	(3)
SEX	2,		82,000	16,400	5,505	30,300	(5)
GRAD	4,		591,000	24,625	8,360	69,897	(24)
COMM	=1,		254,000	28,222	6,200	38,445	(9)
SEX	1,		98,000	24,500	6,656	47,000	(4)
SEX	2,		156,000	31,200	4,0[illegible]	16,700	(5)
COMM	1,		337,000	22,467	8,919	79,553	(15)
SEX	1,		151,000	18,875	8,526	72,696	(8)
SEX	2,		186,000	26,571	7,997	63,952	(7)

TOTAL CASES = 221
MISSING CASES = 161 OR 72,9 PCT,